

Date: Sat, 2 Apr 94 00:07:32 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #365
To: Info-Hams

Info-Hams Digest Sat, 2 Apr 94 Volume 94 : Issue 365

Today's Topics:

Amateur Radio: Elmers List Info and Administrivia
Amateur Radio: Elmers List Quick-Search Index
NEED EXTRA CASH? READ THIS!
Source for RF Power MOSFETS (IRF511)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 1 Apr 1994 12:00:13 GMT
From: ihnp4.ucsd.edu!usc!sol.ctr.columbia.edu!news.kei.com!news.byu.edu!
news.mtholyoke.edu!news.unomaha.edu!news@network.ucsd.edu
Subject: Amateur Radio: Elmers List Info and Administrivia
To: info-hams@ucsd.edu

Posted-By: auto-faq 3.2.1.2
Archive-name: radio/ham-radio/elmers/admin
Revision: 1.6 12/26/93 15:45:09
Changes: Added new index file, Gopher, WWW, and WAIS entries

This administrivia file and the companion Amateur Radio Elmers Resource
Directory are intended for non-commercial distribution via Usenet. Any
other uses, please E-mail for permission.

A Brief Historical Overview:
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If there is any one constant in the changing state of the communications

art, it is that "Hams" (Amateur Radio Operators) have always been on the forefront of it. Rumors abound where the term "Ham" came from. Some of the more amusing are described at the end of this article.

Regardless of origin of the name, a "Ham" is universally recognizable as one who experiments in radio and communications.

Whether it be constructing a low-power CW radio with vacuum tubes, or designing TCP/IP packet networks, such experimentation has historically spilled over into the mainstream such as was the case with Edwin Armstrong, who developed the regenerative oscillator and FM radio, or General Curtis LeMay (W6EZV) who was instrumental in making Single-Sideband the communications standard for the Strategic Air Command (1947-1992, now reorganized into a joint command called USSTRATCOM) and eventually the U.S. Air Force. Although packet-switching techniques originated from DARPA (Defense Advanced Research Projects Agency) and the ARPANet, no one can deny the tremendous influence that amateurs have had in demonstrating the viability of TCP/IP and AX.25 communications via radio links. The efforts of AMSAT (the Amateur Satellite Corporation), including the development of many ham satellites and the low-orbiting Microsats (communications satellites no bigger than a breadbox that use store-and forward packet techniques), have certainly advanced the state-of-the-art in communications, one of the defined purposes of the Amateur Radio Service, as recognized by international treaty.

Since in many cases hams are writing "the book", there is often no "book" or other established reference for a beginner to refer to. Traditionally, information has been passed on from ham to ham via word-of-mouth. Like many of the traditional crafts, a variation of the Master-Apprentice system has emerged, the Elmer-Novice relationship. Called "Elmers" because they are usually older and wiser, having the benefit of many years in the hobby, including several failed projects, and an electric shock or two, they have traditionally been the mainstay of amateur radio, and the source of many new hams, particularly those interested in working on emerging technologies.

Even more importantly, Elmers provided an outlet for the impatient newcomer who wanted "to know everything, and right away." Faced with such a request, a good Elmer will smile and proceed to lead the novice through some project or operating experience. Several hours, days, or weeks later, the novice would have his answers, but would have earned them. Even better, the sense of accomplishment would boost the novice's confidence and nudge him or her down the road to being a model, experienced ham operator.

Many present hams feel that such an experience is missing today. In today's hustle-bustle world, the response to such natural curiosity and

desire to learn is, more often than not, "I'm too busy" or "RTFM." As a result, the quality of new hams declines and the knowledge and operating habits they develop in their first formative months and years leave much to be desired. And the very same hams who claim that they "can't understand the new generation" also, in almost the same breath, lament about the "decline of amateur radio."

What is an Elmer today?

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An Elmer today is of any age, male or female, who has some expertise and is willing to share it with beginners. Elmers don't even need to be licensed amateurs, just people with knowledge in some area of electronics or communications technology.

What is a Usenet Elmer?

+++++

With the ever-widening scope of the Internet, and the amateur radio newsgroups on Usenet, the potential for Elmers to share their knowledge to a wide audience has never been greater. To that end, I have started to maintain a list of such Elmers. Volunteers need only send me their name, E-mail address, and area of expertise. I have set up an administrivia mailbox for this purpose (elmers-request@unomaha.edu, the default Reply-To: of this message).

Those desiring a more extensive list, or who need more specific assistance, are encouraged to contact Rosalie White, WA1STO, Educational Services Manager at the American Radio Relay League, 225 Main St., Newington, CT 06111 or via electronic mail addressed to rwhite@arrl.org.

How may I obtain the latest copy of the Elmers List?

+++++

There are currently 7 ways of obtaining the Elmers List. Any site at least reachable by Internet E-mail can use options 3 or 4:

1. Usenet News: The latest copy of the list can be found in the companion posting to this message, "Amateur Radio: Elmers Resource Directory." Since the list is cross-posted to rec.radio.amateur.misc, rec.radio.info, rec.answers, and news.answers on the 1st of each month, with an expiration date 6 weeks into the future, there should always be a copy available at most news sites. Check your newsreader documentation for information about reading previously-read articles.

2. Anonymous FTP: If your site is directly connected to the Internet, you may retrieve the latest copy via File Transfer Protocol (FTP) from

the following sites:

```
ftp.cs.buffalo.edu  /pub/ham-radio/elmers*  
rtfm.mit.edu       /pub/usenet/news.answers/radio/ham-radio/elmers/*
```

3. Mailing-List: Since the list is cross-posted to rec.radio.info, the latest copy may be obtained from the mailing-list gateway for that newsgroup (along with many other informational articles about radio) when it is published each month. To subscribe, send E-mail to:

listserv@ucsd.edu

and in the BODY (not the Subject) of the message, write:

subscribe radio-info

The server may not be able to determine your return address. In that case write:

subscribe radio-info (your E-mail address)

You should get an acknowledgement very shortly.

4. Mail-Server: If you don't want to read through the entire gateway of rec.radio.info, or want a copy of the list right away, send E-mail to:

mail-server@rtfm.mit.edu

and in the BODY (not the Subject) of the message, write:

```
send usenet/news.answers/radio/ham-radio/elmers/admin  
send usenet/news.answers/radio/ham-radio/elmers/index  
send usenet/news.answers/radio/ham-radio/elmers/list  
send usenet/news.answers/radio/ham-radio/elmers/diff
```

and the latest copy of the list should be sent to you E-mail within 24 hours (the mail-server uses batch priority to reduce system demand).

The last three services are experimental. I'm not terribly familiar with them, and cannot offer much technical support regarding their use. (I'd appreciate feedback on whether or not you find them useful, though.)

5. Internet Gopher: The latest copy of the list should be available from the following Gopher sites, all at standard port 70:

cc1.kuleuven.ac.be

jupiter.sun.csd.unb.ca
gopher.univ-lyon1.fr
ftp.win.tue.nl
gopher.win.tue.nl

see also comp.infosystems.gopher

6. World-Wide Web (WWW): The latest copy of the list should be available from the following WWW site:

URL: <http://www.cis.ohio-state.edu:80/hypertext/faq/usenet>

under pages:

radio/ham-radio/elmers/admin
radio/ham-radio/elmers/index
radio/ham-radio/elmers/list
radio/ham-radio/elmers/diff

see also comp.infosystems.www

7. Wide-Area Information Service (WAIS): The latest copy of the list should be available from the WAIS server at rtfm.mit.edu (standard port 210) in database "usenet."

see also comp.infosystems.wais

How may I contribute to the Elmers List?

+++++

By using this resource, you are benefitting the net by obtaining assistance in the fastest and most efficient way possible. By volunteering to appear on this list, you are contributing to the good reputation of the radio-related newsgroups.

Thanks to all the volunteer Elmers, as well as courteous list users, for making this service a success.

--

73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu (personal mail)
elmers-request@unomaha.edu (Elmers List administrivia)

* Possible origins of the word HAM:

The acronym "Home Amateur Mechanic" or...

from the Cockney pronunciation of "L'amateur" or...

the initials of the founder of the American Radio Relay League, Hiram Maxim, W1AW (his actual middle name being Percy apparently notwithstanding) or...

from the call letters of one of the first amateur stations at Harvard, H.A.M. (please, no flames from W1XM at MIT)

Dale Mosby, N7PEX, offers the explanation that HAM must stand for "Hardly Any Money," considering the investment one could make in the hobby.

Knowledgeable individuals from the American Radio Relay League (ARRL), and other radio historians, seem to agree that the terms "Ham" and "Lid" (an inept operator) both originated with landline telegraphy. A "Ham" was a show-off and a "Lid" was a telegraph operator so inexperienced, he had to use a pot or can lid to rest his telegraph sounder on to properly copy the code.

As an interesting historical footnote, early telegraph operators may have been the first to experience the infamous curse of our communications age, Repetitive Stress (or "Carpal Tunnel") Syndrome (called "Glass Arm" in those days, which encouraged the invention of the semi-automatic or "bug" key).

(Larry E. McDonald, N6ZMB, wrote to point out another plausible origin, which doesn't necessarily contradict the ARRL version. The term "ham" may have been derived from "ham-fisted" or "ham-handed" to describe poor telegraph operators who were hired from the ranks of radio operators. Or maybe "ham-fisted" and "ham-handed" are derived from "ham." Who knows?)

Date: Fri, 1 Apr 1994 12:23:08 GMT
From: ihnp4.ucsd.edu!swrinde!emory!europa.eng.gtefsd.com!MathWorks.Com!news.kei.com!news.byu.edu!news.mtholyoke.edu!news.unomaha.edu!news@network.ucsd.edu
Subject: Amateur Radio: Elmers List Quick-Search Index
To: info-hams@ucsd.edu

Posted-By: auto-faq 3.2.1.2
Archive-name: radio/ham-radio/elmers/index

Quick Search Index by Subject:

(Note: This index is not necessarily all-inclusive and some Elmers are listed more than once.)

AMATEUR RADIO EMERGENCY SERVICE
(ARES)/RADIO AMATEUR CIVIL
EMERGENCY SERVICE (RACES)

Botterell (Networks in Emergency
Management Mailing List)
Chilton (EMA Radio Officer)
Engehausen (RACES Bulletins)
Fyodorov (Russia)
Humphries (ex-Asst. EC)
Hurder (ARRL Field Services)
Magid
Stader (EMAS SEC)
Wilson

AMATEUR TELEPRINTER OVER RADIO
(AMTOR)/PACKET TELEPRINTER OVER
RADIO (PACTOR)/RADIO TELETYPE (RTTY)

Battles
Doane
Feeney (PACTOR)
Freeman, J (AMTOR and PACTOR)
Graham, P
Richards
Sayer (also decoding CHU's
ASCII time code)

AMERICA ON-LINE

Stader (Host,
Ham Radio Club forum)

AMERICAN RADIO RELAY LEAGUE
(ARRL)

Battles (QST Features Editor)
Bloom (ARRL HQ Postmaster,
QEX Editor)
Doane (CT SM)
Elmore (CO TC)
Hare (Laboratory Manager)
Hurder (Field Services Deputy
Manager)
Jahnke (VEC Manager)
Lau (Technical Editor)

MAILING LISTS

Botterell (Networks in Emergency
Management)
Engehausen, et al (AA4RE Packet
BBS)
Dodell (Land-Mobile Radio,
MARS Members)
Ehrlich (Many, see full entry)
Freeman, M (ACC Equipment)
Hurder (ARRL Field Organization)
Kluft (rec.radio.amateur
Working Group)
Knapp, et al (Iowa State Elmers)
Prescott (Antique and Older
Tube Equipment)
Meredith (PBBS Bulletin Forwarding,
F6FBB Packet BBS)
Nerenberg (DX)
Schleck, et al (College Clubs)
Walker, et al (QRP)

MEDIUM FREQUENCY (MF, 160 meters)

Freeman
Harris
Zurn

MILITARY AFFILIATE RADIO SYSTEM
(MARS)

Doane (Navy)
Dodell (Air Force, Mailing List)
Miller (Air Force)
Monson (Army)
Sargent (Army)
Schildt (Army MARS HQ Internet/
Milnet Contact and Registration
Service)
Taylor (Air Force)
Welch, J (Navy/Marine Corps)
Welch, V (Navy/Marine Corps,
list of MARS members on the
Internet, tentative BBS
conference)

Redding (Educational Advisor)
Stader (EMAS SEC)
Turner (Volunteer Counsel)
Wilson (SCV SM)

ANTENNAS

Brewer (wire HF)
Billson (HF)
Brubaker (HF)
DePolo (including VHF/UHF)
Elmore
Freeman, J (wire HF and 160m)
Graham, J (wire HF for
apartments)
Halbert (simple designs)
Harris
Humphries (VHF and multi-band
wire arrays)
Myers (and transmission
lines)
Ornitz (including computer
modelling)
Potter
Rymell
Salnick
Salyzyn
Silva
Standerfer
Stine (wire HF)
Stockton
Taylor
Zurn (wire HF)

ANTIQUÉ AND OLDER EQUIPMENT

Brewer (40's-70's)
Keys (including HF and CW)
Prescott (Mailing List)
Moore, T (VHF)
Standerfer
Turner (including Kenwood and
Ten-Tec)

APPLE MACINTOSH COMPUTER

Braun
Carlson (Macintosh Hamstacks)

MICROWAVE

Graham, P (1.2 Ghz repeaters)
Hammill
Jahnke (SSB/CW SHF Contesting)
Lau (Transverters up to
24 Ghz)
Sargent (3, 5, and 10 Ghz)

MOBILE

Carruth (FM and HT's)
Hare (RFI issues)
Humphries
Keller (HF)
Salmon (Maritime)
Sargent
Salyzyn (HF CW)

NATIONAL TRAFFIC SYSTEM (NTS)

Doane
Elmore
Hurder (ARRL Field Services)
Salyzyn (Canada)
Sargent
Zurn (Europe)

NOVICE/TECH INSTRUCTION

Billson
Bono (AutoExam/AutoCW)
Carlson (Macintosh Hamstacks)
Chilton
Knapp, et al
Larson
Magid
Maia
Myers (including basic
electronics and communications
theory)
Redding
Reeves
Salmon
Stader

PACKET

Ehrlich (FTP archive)
Stader (List of Macintosh
Amateur Radio Software)
Van Peursem (Savant)

BATTERIES

Hammill (Sealed Lead-Acid)
Meyers
Stuart (including Ni-Cads)

CALLSIGN PROJECT/NATIONAL TECHNICAL INFORMATION SERVICE (NTIS)

Carruth
Lloyd (including QRZ Ham-Radio
CD-ROM)

CIVIL AIR PATROL (CAP)

Carlson
Moore, J

COLLEGE CLUBS

Edwards
Knapp, et al
Schallehn
Schleck (et al, Mailing List)

COMMERCIAL EQUIPMENT

Dodell (Mailing List)
Richards

CW (MORSE CODE)

Bono (AutoCW)
Elmore
Fyodorov (including Cyrillic)
Keys
Rosenfeld
Salyzyn
Silva
Squicciarini
Stine
Stockton
Tescher (Computer Programs)

Angus (TCP/IP, NOS, UUPC,
Tnet, and SNEWS, IP
Coordinator for CA - LA
and SF Valley subnet)
Battles (AX.25 and TCP/IP)
Bloom (IP Coordinator for
Connecticut subnet)
Braun (TCP/IP, Macintosh, IP
Coordinator for WNY subnet)
Cole (TCP/IP and NOS)
Dodell (IP Coordinator for
Arizona subnet)
Elmore (including TCP/IP)
Engelhausen, et al (AA4RE Packet
BBS and Mailing List)
Freeman, J (KAM, TCP/IP, NOS for
DOS and OS/2)
Fyodorov (AX.25 and TCP/IP in
Russia)
Graham, J (KAMterm)
Graham, P (VHF)
Knapp, et al
Meredith (AZ Packet Coordinator,
PBBS Bulletin Forwarding Mailing
List, F6FBB Packet BBS Mailing
List)
Salyzyn (Canadian)
Sargent
Sayer (VHF)
Schallehn (Kantronics)
Stader (TCP/IP and Macintosh)
Vail (TCP/IP, TAPR/9600, IP
Coordinator for East/Central
Massachusetts subnet)
Van Peursem (Savant and
Macintosh)

MEDIA (PUBLICATION/WRITING/ BROADCASTING)

Battles (QST)
Bloom (QEX)
Coletti, et al (Newsline)
Lau (QST/QEX)
Moore (Co-Host, Ham Radio and More)

PART-15 BROADCASTING

Zurn (including European
abbreviations)

Ornitz

DIGITAL SIGNAL PROCESSING (DSP)

POWER SUPPLIES

Bloom
Edwards

Myers
Stuart

EQUIPMENT TESTING/TROUBLESHOOTING

PRODUCT INFO/FEEDBACK

Billson
Brewer (Tube Gear)
Freeman, J (PC ISA Bus)
Hare (ARRL Laboratory Manager)
Myers
Ornitz (Instrumentation)
Rymell (Electronics and Computer
Service Work)
Salnick
Salyzyn
Standerfer
Stockton
Taylor
Tescher
Witte (Instrumentation)

Appell (Alinco and Yaesu)
Freeman, M and Shirley (Advanced
Computer Controls - ACC)

QRP (LOW POWER)

Billson
Halbert (HF)
Harris
Sargent (VHF)
Stockton
Turner (including Ten-Tec
Argonaut)
Walker, et al (Mailing List)
Zurn

FREQUENTLY ASKED QUESTIONS (FAQ's)

RADIO FREQUENCY INTERFERENCE (RFI)

Bloom (ARRL E-mail and Info Server)
Bowen (Supplemental FTP Archives,
Internet Callbook Server)
Cheeseman (Australia)
Holmstead (Satellites/Space)
Jahnke (VE Exams Scheduled)
Kluft (General)
Salyzyn (Radio Amateurs on Usenet,
rec.radio.info Moderator)
Stader (Macintosh Amateur Radio
Software)
Turvey (United Kingdom)
Watt (Packet and Digital Modes)
Woods (Mail Order Electronics)

Elmore
Graham, P (including PC's)
Hare (including Automotive and
Telephone)
Myers
Stockton
Witte

RECIPROCAL LICENSING/FOREIGN OPERATION

HANDICAPPED OPERATING

Andrews (New Zealand)
Flaherty (South Pacific)
Fyodorov (Russia)
Levine (Australia and Japan)
Salmon
Salyzyn (Canada)
Stockton (UK)
Zurn (Italy and Germany)

Billson
Doane
Hurder

REPEATERS

Knapp, et al

HIGH FREQUENCY (HF)/ CONTESTING/DX

Battles
Brubaker
Chilton
Elmore
Fyodorov
Knapp, et al
Nerenberg (DX Mailing List)
Rosenfeld (including practical
QSLing tips)
Salmon (including DXpeditions)
Salnick
Silva
Squicciarini
Tidd (DXCC Databases)
Zurn

HOME BREWING/DO-IT-YOURSELF

Billson (6809 uP)
Bloom (including DSP)
Carruth (Digital Design,
Software)
Chilton
De Armond
DePollo (including VHF/UHF
design and construction)
Edwards (including DSP)
Fyodorov (including computers)
Halbert (QRP)
Harris
Keys (Junk Box projects)
Kohnen (Tubes)
Lau (Transverters, VHF/UHF,
Filters, repeatable projects)
Myers (Transmission Lines,
Analog and Digital Design)
Moore, T (Junk Box projects)
Rymell (Electronics and Computers,
Low-Cost projects)
Salyzyn
Sayer (Class-C Bipolar Amplifiers
and Phased-Lock-Loop Circuits)
Silva (Analog, Digital, Tubes,

Battles
Chilton
De Armond
DePollo (VHF/UHF)
Graham, P (including 1.2 Ghz)
Keller (220 Mhz)
Knapp, et al
Schallehn (VHF/UHF)
Witte

SATELLITES

Bass (including low-cost, QRP
Microsat stations)
Feeney
Flaherty (including OSCAR)

SEMINARS/LECTURES

Humphries
Redding
Stuart (Batteries and Power
Supplies)

TANDY COLOR COMPUTER AND OS-9

Billson

TELEVISION, FAST-SCAN (ATV)

Chilton
Feeney
Hammill

TELEVISION, SLOW-SCAN (SSTV)

Langner

UNIX

Carruth (System Administration)
Cole (including Linux)
Ehrlich
Freeman, J
Moore, C (including X-Windows)
Sayer (especially SunOS)
Tescher
Van Peurse (HP-UX and System

Semiconductors, RF, Finding
Parts)
Stine (Tube Amplifiers,
Receivers, and Exciters)
Stockton (including QRP)
Stuart (Batteries and Power
Supplies)
Taylor (Tubes and Amplifiers)
Tescher

IBM PERSONAL COMPUTER (PC) AND CLONES

Angus
Bono (AutoExam, et al)
Braun
Cole
Ehrlich
Freeman, J (including OS/2 and
ISA bus)
Fyodorov
Keller
Tescher

INTERNET SERVICES

Schleck

MAIL-SERVERS/ARCHIVES

Bloom (ARRL Info Server)
Deignan (Buckmaster CD-ROM)
Ehrlich (Boston ARC FTP archive)
Harding (Ham Server)
Shirley (ACC Equipment)

Administration)

VERY HIGH FREQUENCY (VHF)/ ULTRA HIGH FREQUENCY (UHF)

Battles
Carpenter (6 meters)
DePolo (Weak Signal, Contesting,
and Repeaters)
Flaherty (including Amplifiers)
Graham, P (Commercial Rig
Conversions)
Hammill (including ATV and DX)
Humphries (2m FM)
Jahnke (CW/SSB Contesting and
Weak Signal)
Lau (CW/SSB to 222 Mhz)
Moore, T
Richards (Monitoring)
Sargent (2 and 6 meter AM and
Contesting)
Silva
Witte (including Portable
and Mountaintopping)

VOLUNTEER EXAMINER (VE) PROGRAM

Billson
Carlson (W5YI)
DePolo
Jahnke (ARRL VEC Manager)
Kohnen (W5YI)
Maia (W5YI VEC)
Reeves
Salmon (Sunnyvale)
Sternitzke (W5YI Asst. VEC)

--

73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu (personal mail)
elmers-request@unomaha.edu (Elmers List administrivia)

Date: 2 Apr 94 06:17:08 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!noc.near.net!news.delphi.com!

gilbaronw0mn@ucbvax.berkeley.edu
Subject: NEED EXTRA CASH? READ THIS!
To: info-hams@ucsd.edu

>If you're like most people I know, you could use some extra cash. I am
>providing to you the unique opportunity to do so at little cost and effort.
By
>working 1-2 hours per week you can earn an unlimited income. E-mail me now
for
>more detailed information on this once-in-a-lifetime opportunity. You get
out
>of life, what you put into it!
>

Do not respond to this garbage. It is almost certainly a scam.

Gil Baron, El Baron Rojo, WOMN Rochester,MN
"Bailar es Vivir"
PGP2.3 key at key servers or upon request

Date: Fri, 1 Apr 1994 13:38:34 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!uwm.edu!fnnews.fnal.gov!att-in!nntpa!
not-for-mail@network.ucsd.edu
Subject: Source for RF Power MOSFETS (IRF511)
To: info-hams@ucsd.edu

In article <1994Apr1.091939.1@ntuvax.ntu.ac.sg>,
<asirene@ntuvax.ntu.ac.sg> wrote:
>Hi,
>
> Can anyone tell me a source for IRF511/510 MOSFETs? Also are there other types
of MOSFETs suitable saw a power of 40 or 50
>watts range? Where can I get them? Tks.
>
>73,
>Daniel

Hell, I think Radio Shack carries the IRF511. Probably expensive though.
Try Digi-Key.

--

Wally Blackburn Clinton-Gore - Socialist Leadership
wrb@ccsittn.cb.att.com for the 90s!
Amateur Radio Station AA8DX I'm the NRA.
 More people have died in Ted Kennedy's car than from my gun!

Date: 1 Apr 1994 12:46:17 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!darwin.sura.net!
news.larc.nasa.gov!grissom.larc.nasa.gov!kludge@network.ucsd.edu
To: info-hams@ucsd.edu

References <1994Mar30.150833.7038@arrl.org>,
<1994Mar31.004345.251@ke4zv.atl.ga.us>, <1994Mar31.143525.7073@arrl.org>larc.n
Subject : Re: RF and AF speech processors. Was: FT-990 vs TS-850

In article <1994Mar31.143525.7073@arrl.org> zlau@arrl.org (Zack Lau (KH6CP))
writes:

>The point is, does the audio phase shift networks used in the 2010
>cause a noticeable degradation in audio quality as perceived by
>the users of the radio? And, since we are primarily talking
>about SSB, as opposed to AM, there is *no* benefit to having
>a detector that can correlate the upper and lower sidebands--we
>only have one sideband to work with on receive.

Yes, indeed, it does cause a noticeable degradation in audio quality.
In the case of units like the 2010 which are primarily going to be used
to listen to commercial broadcasters, there is a good bit of benefit in
having a detector that can correlate both sidebands, though admittedly
for ham work, it's much less of a requirement.

But it basically comes down to how much audio degradation you mind. If
I am listening to a commercial shortwave broadcaster, I expect much higher
fidelity than I do from amateur SSB transmission. With SSB, I just want
to be able to make out the words. (On the other hand, I expect a lot
more from wideband FM broadcast, although I don't always get it...)

--scott

--

"C'est un Nagra. C'est suisse, et tres, tres precis."

End of Info-Hams Digest V94 #365

